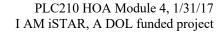


## PLC 210 Hands-On Assessments: Module 4

Student Name:	N#	Date:
This hands-on assessment requires t	hat each student successfull	y demonstrates each of these
tasks to the instructor's satisfaction.	There is no grade for this a	assessment.
Prior to taking this assessment, the s	student must pass (minimum	n of 80%) the Knowledge and
Application Assessment.		
The student cannot proceed to the H	OA for the next module wit	thout completing this HOA
Note: Be specific in answering ques	tions on the status of Dest v	alues.
Saying only that tags are spec	ific values is not a sufficien	t answer.
Explain why tags have certain	ı values.	
Download the project file HOA_Mo	odule_4.ACD to the Compa	ctLogix demo.
Ensure all demo inputs are OFF / Fa	alse – Selector Switches turn	ned to left.
Place processor in RUN mode		
	Data Type for tag1?	
_	Data Type for tag2?	
Enter the value of 115 for	<u> </u>	
What is the value of tag		
Enter the value of 200 f	<del>-</del>	
Explain message box:		
Enter the value of 0 for t	ag1	
2. At Rung 1, what is the I		
At Rung 1, what is the I		
Enter the value of 30000		
What is the value of tag		
Enter the value of 50000	_	
What is the value of tag		
Explain the tag 9 value:		
3. At Rung 2, what is the I	Oata Type for tag4?	





		s the Data Type for	n m50			 
Er	nter the value of	7.4 for tag4				
W	hat is the value	of tag6?				
Er	nter the value of	10.7 for tag4				
W	hat is the value	of tag6?				
$\mathbf{E}$	nter the value of	f 6.5 for tag4				
W	hat is the value	of tag6?				
Er	nter the value of	9.5 for tag4				
W	hat is the value	of tag6?				
Ex	xplain how tag v	values are rounded	l in Logiz	5000 pro	cessors	
. At	t Rung 3, what i	s the Data Type fo	or tag7?_			
At	t Rung 3, what i	s the Data Type fo	or tag5?_			
_	nter the value of	2 billion for tag7				
Er	itel the value of	2 difficil for tag/				
		_				
W	hat is the value	of tag5?value:				
W Ex —	t Rung 4, monitor	of tag5?value: or the Control tag Control Tag:	for the S		etion	
W Ex ———————————————————————————————————	t Rung 4, monitors the Structure	of tag5?value: or the Control tag Control Tag: of the Control Da	for the S	QO instru	etion	
W Ex    At  Ta  Li	t Rung 4, monitors the Structure	of tag5?value: or the Control tag Control Tag:	for the S	QO instru	etion	-
W Ex    At  Ta  Li	t Rung 4, monitors the Structure	of tag5?value: or the Control tag Control Tag: of the Control Da	for the S	QO instru	etion	-
W Ex    At  Ta  Li	t Rung 4, monitors the Structure	of tag5?value: or the Control tag Control Tag: of the Control Da	for the S	QO instru	etion	-
W Ex    At  Ta  Li	t Rung 4, monitors the Structure	of tag5?value: or the Control tag Control Tag: of the Control Da	for the S	QO instru	etion	-
W Ex    At  Ta  Li	t Rung 4, monitors the Structure	of tag5?value: or the Control tag Control Tag: of the Control Da	for the S	QO instru	etion	-
W Ex    At  Ta  Li	t Rung 4, monitors the Structure	of tag5?value: or the Control tag Control Tag: of the Control Da	for the S	QO instru	etion	-
W Ex    At  Ta  Li	t Rung 4, monitors the Structure	of tag5?value: or the Control tag Control Tag: of the Control Da	for the S	QO instru	etion	-
W Ex    At  Ta  Li	t Rung 4, monitors the Structure	of tag5?value: or the Control tag Control Tag: of the Control Da	for the S	QO instru	etion	-
W Ex    At  Ta  Li	t Rung 4, monitors the Structure	of tag5?value: or the Control tag Control Tag: of the Control Da	for the S	QO instru	etion	-



	g Name	e of the Counter Da	Data Type	
<u>1 a</u>	grame	value	Data Type	
		-		
7. To	ggle SS4 ON -	- to the right		
At	Rung 5, press	PB1 Fifty (50) tim	es.	
11/1	ot hoppone to	the presence?		
VV I	iai nappens io	the processor?		
		•		
		•	t caused the problem?	
		•		
		•		
W1	nere is the inst	ruction located that	t caused the problem?	
W1	nere is the inst	ruction located that		
W1	nere is the inst	ruction located that	t caused the problem?	
W1	nere is the inst	ruction located that	t caused the problem?	
Wh	nere is the inst	ruction located that	t caused the problem?	
Wh Wh To	nat specific con	ndition that caused	t caused the problem?	
Wh  Wh  To	run the logic a	ndition that caused	t caused the problem?	
Wh  Wh  To  Tog Cle	run the logic a	ndition that caused again:  – to the left	t caused the problem? the problem?	
Wh  Wh  To  To  Res	run the logic aggle SS4 OFF ear the Fault set the CTU in	ndition that caused again:  – to the left astruction at Rung 5	t caused the problem? the problem?	
Wh  Wh  To  Cle  Res	run the logic a	ndition that caused again:  – to the left astruction at Rung 5	t caused the problem? the problem?	
Wh  Wh  To  To  Res	run the logic aggle SS4 OFF ear the Fault set the CTU in	ndition that caused again:  – to the left astruction at Rung 5	t caused the problem? the problem?	



## **DOL DISCLAIMER:**

This product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.



This work is licensed under a Creative Commons Attribution 4.0 International License.